

IN THE CLAIMS

1. (currently amended) A disc brake caliper, for use with a disc brake rotor having a first side and a second side, the disc brake caliper comprising: a housing and an anchor bracket, which are connected for relative movement during brake actuation, said housing having a bridge section for bridging, in use, a disc brake rotor, and a pair of brake mounting portions which extend substantially perpendicular to said bridge section for disposal in use, on either side of a disc brake rotor and for mounting of brake pads thereagainst on opposite sides of the rotor, in facing relationship therewith, said caliper further including a hydraulic service brake actuator and an electric parking brake actuator, each of said actuators being arranged for actuation against the rear of a first of said pair of brake pads for displacing that pad away from the respective mounting portion and into engagement with one side of the rotor, the positions of actuation of said respective actuating members against the rear of said first brake pad being spaced apart.

a first mounting portion and a second mounting portion, said first mounting portion adapted for being disposed adjacent the first side of the disc brake rotor and said second mounting portion adapted for being disposed adjacent the second side of the disc brake rotor;

a first brake pad mounted to said first mounting portion and having a first side adapted for engaging the disc brake rotor and a second side opposite to said first side and a second brake pad mounted to said second mounting portion, said first brake pad and said second brake pad being adapted for being positioned adjacent opposite sides of the disc brake rotor in facing relationship therewith; and

a hydraulic service brake actuator and an electric parking brake actuator, each of which is operable independently of the other for service break operation and parking brake operation, respectively, each of said actuators being arranged for actuation against said second side of said first brake pad for displacing said first brake pad away from said first mounting portion and into engagement with the disc brake rotor, said hydraulic service brake actuator and said electric parking brake actuator having positions of actuation on said second side of said first brake pad at positions which are spaced apart.

2. (currently amended) The disc brake caliper according to claim 1, wherein, ~~each of said hydraulic service brake actuator~~ includes a hydraulic actuating member and said electric parking brake actuator includes an electric actuating member ~~including respective hydraulic and electric actuating members, are wherein said hydraulic actuating member and said electric actuating member are~~ arranged to engage said ~~rear~~second side of said first brake pad at said spaced apart positions.

3. (currently amended) The disc brake caliper according to claim 2, further comprising a friction lining disposed on ~~said~~ said first brake pad, wherein said hydraulic service brake actuator is arranged to engage said ~~rear~~second side of said first brake pad at a position on said first brake pad to cause said friction lining to apply a substantially even pressure to ~~said the~~ disc brake rotor across a face of said friction lining which engages the disc brake rotor.

4. (currently amended) The disc brake caliper according to claim 3, wherein said hydraulic actuating member is arranged to engage said ~~rear~~second side of said first brake pad in the

region of the effective pressure centre of said first brake pad and said electric actuating member being arranged to engage said ~~rear~~second side of said first brake pad eccentrically relative to said hydraulic actuating member.

5. (currently amended) The disc brake caliper according to claim 3, wherein said hydraulic actuating member is arranged to engage said ~~rear~~second side of said first brake pad at a position generally centrally of said first brake pad and said electric actuating member is arranged to engage said ~~rear~~second side of said first brake pad eccentrically relative to said hydraulic actuating member.

6. (currently amended) The disc brake caliper according to claim 5, wherein said electric actuating member is arranged to engage said ~~rear~~second side of said first brake pad closer to an outside edge of said first mounting portion ~~the bridge section of the disc brake caliper~~ than said hydraulic actuating member.

7. (currently amended) The disc brake caliper according to claim 2, further comprising a friction lining disposed on said first brake pad, wherein said hydraulic service brake actuator includes a pair of hydraulic actuating members disposed generally symmetrically on either side of a generally central position of said first brake pad, said pair of hydraulic actuating members adapted for engaging said ~~rear~~second side of said first brake pad at positions to cause said friction lining of said first brake pad to apply a substantially even pressure to ~~said~~ the disc brake rotor across a face of said friction lining, said electric actuating member being disposed

substantially midway between said pair of hydraulic actuating members and substantially centrally of said first brake pad.

8. (original) The disc brake caliper according to any one of claims 2 to 7, wherein said hydraulic actuating member is a hydraulic piston.

9. (currently amended) The disc brake caliper according to any one of claims 2 to 73, wherein said electric actuating member of said electric parking brake actuator is an elongate rod having a lengthwise axis.

10. (currently amended) The disc brake caliper according to claim 9, wherein said elongate rod includes a disc brake pad engaging portion for cooperating with an electric drive unit, said electric drive unit spaced from said disc brake pad engaging portion, said cooperation permitting said electric drive unit to displace said elongate rod toward and away from ~~said~~ the disc brake rotor for parking brake actuation and release.

11. (original) The disc brake caliper according to claim 10, wherein said electric drive unit is operable to displace said elongate rod axially by rotating said elongate rod about said lengthwise axis.

12. (currently amended) The disc brake caliper according to claim 11, further comprising a bore in said housing, ~~and~~ a pair of mating threads disposed on said elongate rod and a wall at least partly defining said bore, wherein said elongate rod is disposed at least partly within said bore whereby said elongate rod is in threaded engagement with said bore, and whereby

rotation of said elongate rod about said lengthwise axis causes an axial shift of said elongate rod relative to said bore.

13. (currently amended) The disc brake caliper according to claim 12, said cooperation ~~including~~ includes a worm gear fixed to said ~~the~~ elongate rod and ~~cooperating with~~ a worm driven by said electric drive unit, said worm cooperating with said worm gear.

14. (cancelled).